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<sup>3</sup>Debnath Bhattacharyya, <sup>1</sup>Samir Kumar Bandyopadhyay, <sup>2</sup>Deepshikha Debnath

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<sup>2</sup>Computer Science and Engineering Department, Heritage Institute of Technology, Kolkata, India

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*Beijing University of Posts and Telecommunications, Haidian District.  
Xitucheng Road, No.10, Mailbox 92, Beijing, China*

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**15.20-15.40** Joy Jong-Zong Chen 505  
*Department of Communication Engineering, Da Yeh University Chang-Hua, Taiwan*

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*<sup>1</sup>Research Institute of China Mobile  
<sup>2</sup>Beijing University of Posts&Telecoms*

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*The University of Electro-Communications, Tokyo, Japan*

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*Magnolia Broadband, Inc., Bedminster, New Jersey, USA*

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*Department of Electronics and Computer Engineering, Hanyang University, Seoul, Korea*

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